Run

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61 VYVDKKIRKFLBBERMKOMSTRVSGAVAAAIERSVEFDNFSKBAAANIEWAGVDDERAGG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 3097; DB 2; Best Local Similarity 100.0%; Pred. No. 3.7e-309; Matches 616; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Salmon Anaemia Virus
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Sequence 6970, Ap
Sequence 6, Appli
                                                                       January 13, 2006, 09:27:05 ; Search time 27 Seconds (without alignments) 1886.230 Million cell updates/sec
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1 MADKGMIYSFDVRDNTLVVR.....DMTPRIEFDBDDEEEBDIDI
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/cgn2_6/ptodata/1/1aa/6_COMB.pep:*
/cgn2_6/ptodata/1/1aa/H_COMB.pep:*
/cgn2_6/ptodata/1/1aa/PGTUS_COMB.pep:*
/cgn2_6/ptodata/1/1aa/RB_COMB.pep:*
/cgn2_6/ptodata/1/1aa/RB_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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US-09-206-942-45
US-09-206-942-45
US-09-107-532A-6970
US-10-102-584-6
US-10-102-584-6
US-09-200-650B-7
US-08-31-11
US-08-31-12
US-08-31-2
US-08-31-2
US-08-31-2
US-08-469-880-2
US-08-469-880-2
US-08-469-880-2
US-08-469-880-2
US-08-471-697-2
US-08-471-697-2
US-08-719-641-2
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9-710-279-2906
9-180-422B-27
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3-10-193-764-63
1-09-268-347-48
1-09-841-786-1
                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                   572060 segs, 82675679 residues
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Maximum Match 100%
Listing first 45 summaries
                                              - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 2000000000
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Length 616; Indels 120

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29921, Appli
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US-09-538-092-842
US-09-345-882-29
US-10-071-179-29
US-09-134-000C-4939
US-08-621-944A-4
US-08-945-567D-4
US-08-945-567D-3
US-08-945-567D-3
US-08-945-567D-3
US-08-945-682-4
US-08-96-882-4
US-08-302-832-4
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US-08-30-198-4
US-08-30-198-4
US-08-30-198-4
US-08-30-198-4
US-08-30-198-4
US-08-30-198-4
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US-08-30-198-4
US-08-30-647-4
US-08-719-641-4
US-08-719-641-4
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Patent No. 6919083
GENERAL INFORMATION:
APPLICANT: Aqua Health (Europe) Limited
APPLICANT: Griffiths, Steven
APPLICANT: Ritchie, Rachael
TILLE OF INVENTION: Sequence
TILLE REPERBNCE: P24268-/GST/RMC
CURRENT FILLING DATE: 2002-02-06
PRIOR APPLICATION NUMBER: GB9918586.6
PRIOR PILING DATE: 1999-07-08
PRIOR PILING DATE: 2000-03-11
SROID NO 4:
SSOID NO 9:
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Sequence 4, Appli
Sequence 6, Appli
Sequence 1796, Ap
Sequence 12, Appl
Sequence 52631, A
Sequence 20, Appl
Sequence 20, Appl
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Sequence 7, Appli
Sequence 153, App
Sequence 162525,
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51888, A
6. Appli
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13153, A
7, Appli
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Sequence 65, Appl
Sequence 2, Appli
Sequence 63, Appl
                                                                            January 13, 2006, 09:27:06 ; Search time 65 Seconds (without alignments) 3959.736 Million cell updates/sec
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                                                                                                                                                               1 MADKGWIYSFDVRDNTLVVR.......DMTPRIEFDEDDEEEEDIDI 616
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US111_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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S-10-450-763-52631
S-10-282-122A-47115
S-10-661-809-20
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10-282-122A-52048
10-193-764-65
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-10-192-584-6
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                                                                                                                                                                                                                                      1867569 seqs, 417829326 residues
                                                    OM protein - protein search, using sw model
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 0.5
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Sequence 1, Appli Sequence 12636, A Sequence 12636, A Sequence 90981, A Sequence 51602, A Sequence 57631, A Sequence 17631, A Sequence 1, Appli Sequence 1, Appli Sequence 1286, Ap Sequence 128, Appli Sequence 128, Appli	nces Of And Their Uses As Vaccin	Length 616;   Lockard 616;   Lockard 616;   Cockard 60;   Cockard 60;
US-09-841-786-1 US-10-647-057-1 US-10-156-761-12636 US-10-221-625-95 US-10-282-122A-51602 US-10-282-122A-5631 US-10-282-122A-5631 US-10-282-122A-5631 US-10-761-46862 US-10-741-601-1286 US-10-741-601-1286 US-10-656-053B-1 US-09-870-759-128 US-09-870-759-128 US-09-870-759-128 US-09-870-759-128 US-09-751-769-128 US-10-741-601-32 US-10-741-601-433	ALIGNMENTS  2 And Amino Acid Seque almon Anaemia Virus /734,782 49,086 0/02976 674.6 848.7 588.6 sion 4.0	Score 3097; DB 4; Pred. No. 6.8e-270; ); Mismatches 0; RESTATKGGIKISYREDRGTSI.
222 222 222 222 222 222 222 222 222 22		100.0%; Conservative (Conservative (KGMTYSFDVEDNTLAVN INCHTYSFDVEDNTLAVN INCHTYSFDVEDNTLAVN INCHTYSFEDNEDNTLAVN INCHTYSFEDNEDNTLAVN INCHTYSFEDNEDNTLAVN INCHTYSFEDNEDNTLAVN INCHTYSFEDNEDNTLAVN INCHTYSFEDNEDNTLAVN INCHTYSFE
441	SULT 1  -10-734-782-4  Squence 4, Application U  Publication No. US2004014  APPLICANT: Griffiths, St.  APPLICANT: Griffiths, St.  APPLICANT: Griffiths, Racitize of INVENTION: Nucl.  TITLE OF TILING DATE: 2000-PRIOR PRIOR PELING DATE: 2000-PRIOR PRIOR PELING DATE: 2000-PRIOR PELING DATE: 2000-PRIOR PELING DATE: 2000-PRIOR PELING DATE: 2000-PRIOR PILING DATE: 1999-NUMBER PRIOR FILING PRIOR FILING PRIOR FILING PRIOR FILING PRIOR F	_ o o
543210098	RESULT 1  US-10-734-782-4  Sequence 4, A  Sequence 4, A  Dublication  APPLICANT:  TITLE OF INV  PRIOR PILING  PRIOR PILING  PRIOR PILING  PRIOR FILING  PRIOR PRIOR FILING  PRIOR FILING	Query Match Best Local Matches 61 1 61 7 61 7 111
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**368** 

DEDGKROTRTGGORVDMADVTKLAVVTANGKVKQVBVNLANDLKAAFROSRPKRSDYRKGO

181 181

8 6

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GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
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OM protein - protein search, using sw model

January 13, 2006, 09:27:05 ; Search time 80 Seconds (without alignments) 3383.217 Million cell updates/sec Run on:

US-10-734-782-4 3097 Title: Perfect score:

1 MADKGMIYSPDVRDNTLVVR.....DMTPBIBFDBDDEBBBDIDI Sequence:

919

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

2443163 segs, 439378781 residues Searched:

2443163 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries

Database

geneseqp2002s:\* geneseqp2003as:\* geneseqp2003bs:\* geneseqp1980s:\* geneseqp2001s:\* geneseqp1990s:\* geneseqp2000s:\* A\_Geneseq\_21:\* 1: genesem100'

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

geneseqp2005s:\* geneseqp20048:\*

# SUMMARIES

ID Description	AAB71827 Aab71827 Infection	AAE32454 AAE32454 ISAV NP p	AAB47509 AAB47509 ISA antig	ABB07613 ISAV stru	AAB47510 Aab47510 ISA antig		-	AAB01835 Haemophil	AAB01834 Haemophil	ADN19143 Bacterial	ADI28619 Adi28619 Mycoplasm	ADR88903 Anopheles	ABG22272 Novel hum	ABU19191 Protein e	AD084848 S epiderm	ADM67692 Tobacco N	ADT04785 Common to	ABP73584 Candida a	AAGS4221 Arabidops	AAGS4220 Arabidops	AAG54219 Arabidops	ABU23559 Protein e	ADC97343 Faeciu	
DB	4	ý	4	4	4	4	ø	٣	m	œ	89	8	4	ø	8	8	8	Ŋ	٣	ო	ო	9	7	
Length	616	616	616	919	159	148	6077	1095	1101	1556	957	1314	954	1377	2402	959	959	872	1371	1377	1443	1483	564	
Query Match	100.0	99.5	98.0	97.5	24.0	23.3	4.1	4.1	4.1	4.1	4.1	4.0	3.9	9.0	9.0	3.9	3.9	3.8	3.8	3.8	3.8	3.8	3.8	
Score	3097	3083	3034	3020	744	721	128.5	128	128	128	126	123	121.5	121.5	121	120.5	120.5	119	119	119	119	118.5	118	
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ABP54852 AAR41725 AEB91670 ABB73364	AEB91199 AEB91201 AAW56319 ADS24120	AAY08643 ABJ18982 ABP54847 ADM99231	ABU24124 ADW76023 AAB42613 AAB01847	AAK41/23 AAK63505 AAB01846 AAG47035 AAG47034
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1226 1536 1086	1600 1719 2042 839	1166 1166 1226 1606	1191 1309 748 1095	1536 1536 1536 594 615
117	116.5	116 116 116	115.5 115.5 115	115 115 114.5 114.5
25 25 27 27	3 1 0 0 c	1 W W W W	6 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4 4 4 4 4 1 4 6 4 8

## ALIGNMENTS

AAB71827 standard; protein; 616 AA (revised)
(first entry) 11-SEP-2003 02-MAY-2001 AAB71827; 

Infectious salmon anaemia virus ISA1mta protein.

Infectious salmon anaemia virus; ISAV; ISAlmta; antiviral; vaccine.

WO200110469-A2.

Infectious salmon anemia virus.

15-FEB-2001.

07-AUG-2000; 2000WO-GB002976.

07-AUG-1999; 99GB-00018588. 11-MAR-2000; 2000GB-00005848. 21-MAR-2000; 2000GB-00006674.

(AQUA-) AQUA HEALTH EURO LTD.

Ritchie RJ; Griffiths S,

WPI; 2001-191498/19. N-PSDB; AAF62721. Composition containing nucleic acid or protein derived from infectious salmon anemia virus, useful as vaccine for protecting fish against

Claim 3; Fig 4; 45pp; English.

The present invention provides a composition containing at least one nucleic acid and/or amino acid sequence, or their synthetic analogues or homologues, derived from the sequences of infectious salmon anaemia virus (ISAV). The sequences do not cause salmon anaemia and can be used as, or to prepare, a vaccine against ISAV. The composition may also be used to design more accurate diagnostic tests, e.g. for epidemiological studies on the dissemination of different viral strains. The present amino acid sequence may be used in the composition. (Updated on 11-SEP-2003 to

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GenCore version 5.1.6 (c) 1993 - 2006 Compugen Ltd.
            Copyright
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- protein search, using sw model OM protein

January 13, 2006, 09:27:05 Run on:

; Search time 20 Seconds (without alignments) 2963.476 Million cell updates/sec

US-10-734-782-4 score: Title: Perfect (

3097 1 MADKGMIYSFDVRDNTLVVR.....DMIPEIEFDEDDEEBEDIDI Sequence:

Scoring table:

616

283416 seqs, 96216763 residues BLOSUM62 Gapop 10.0 , Gapext 0.5 Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

summaries Post-processing: Minimum Match 100\* Maximum Match 100\* Listing first 45 su

PIR 80:\* Database :

1: Pirl:\* 2: pir2:\* 3: pir3:\* 4: pir4:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	probable membrane	hemolytic protein	chromosomal protei	DNA-directed RNA p	probable methyl-ac	probably celluloso	hypothetical prote	nuclear/mitotic ap	cation efflux syst	rhoptry protein -	probable chromosom	fibrinogen-binding	chromosome segrega	Ca2+-transporting	high-molecular-wei	hypothetical prote		alpha-2(E)-catenin	uncharacterized pr	phage-related prot	microbial serine p	apolipoprotein B-1	Id-associated prot	ABC-type multidrug	hypothetical prote			hypothetical prote	
SUMMARIES	ΩI	859393	S70843	B55094	C70148	AH0098	C97012	B71442	T30336	C96945	T28677	F84669	T28680	B97116	B28065	A43855	AH2444	D86798	JC2542	D97033	C97038	A41341	LPHUB	A57591	E97303	A89959	E89824	T51227	876853	T19397
	82	7	7	7	~	N	7	~	~	7	7	7	7	0	7	7	7	7	73	7	~	~	н	~	~	~	N	~	7	~
	Query Match Length	1556	1175	1203	1377	547	1483	1732	2253	1166	2269	1163	1166	1191	1198	1536	833	1640	931	1819	2052	908	4563	621	584	1274	1141	1270	1290	1304
a	Query Match	4.1	4.0	3.9	3.9	3.8	3.8	•	3.8	ж •	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	Score	128	125	122	121.5	119	118.5	117.5	117.5	116.5	116.5	116	116	115.5	115.5	115	114.5	114	113.5	113.5	113.5	113	112.5	112	111.5	111.5	111	110.5	110.5	110.5
	Result No.	н	61	m	4	Ŋ	v	7	<b>8</b>	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27	28	29

methyl-accepting c similar to mcpc ge	flagellar hook-ass Ca2+-transporting	fimbriae-affociate	probable invasin z hypothetical prote	phosphoribosylamin	protein C16A3.2 [i	uncharacterized ph	DNA-binding nuclea	hypothetical prote	hypothetical prote	probable lipoprote	probable factor [1	DNA repair and gen
AF2866 C97643	D83511 S13057	T17451	D0002 T34418	D69394	E88481	D97132	JC4842	537816	T15692	873679	G90975	н83996
N N	01 01	0	4 W	7	7	N	N	N	N	N	~	N
649	683	2570	3488	470	1810	1819	1926	594	1081	1300	1335	299
3.6	u u v v	m n	. u	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
110	109.5	109.5	109.5	109	109	109	109	108.5	108.5	108.5	108.5	108

### ALIGNMENTS

ptobable membrane protein YLR247c - yeast (Saccharomyces cerevisiae)
N;Alternate names: hypothetical protein L9672.14
C;Species: Saccharomyces cerevisiae
C;Date: 30-Nov-1995 #sequence\_revision 23-Feb-1996 #text\_change 09-Jul-2004

С/Accession: 859393 R;Johnson, D. submitted to the RMBL Data Library, February 1995 A;Description: The sequence of S. cerevisiae cosmid 9672. A;Reference number: 859386

A;Accession: 859393
A;Molecule type: DNA
A;Residues: 1-1556 <JOH>
A;Cross-references: UNIRROT:Q06554; UNIPARC:UPI000069EBE; EMBL:U20865; NID:g662330; PIC
A;Experimental source: strain S288C (AB972)

C, Genetics:

AjGene: MIPS:YLR247c
AjGene: MIPS:YLR247c
AjCross-references: SGD:S0004237
Cj.Map position: 12R
Cj.Keywords: transmembrane protein
P;1235-1282/Domain: RING finger homology <RRN>
F;1236-1252/Domain: transmembrane #status predicted <TWM>

224; DB 2; Length 1556; Query Match 4.1%; Score 128; DB 2; Length 15: Best Local Similarity 19.1%; Pred. No. 2.6; Matches 125; Conservative 111; Mismatches 194; Indels

34;

831 79 24. ATKSGIKISYREDRGTSLLQKAFAGTEBDEFWVEL----DQDVYVDKKIRKFLEEEKWKDM 셤 ઠે

80 STR-VSGAVAAAIERSVEPDNFSKEAAANIEMAGVDDEEAGGSGLVDNRRKNKG---VSN 135 ઠે

셤 136 MAYNLSLFIGMVFPALTT------ 169 ઠે 셤

170 --GOALIRILALADEDGKRQTRTGGQRVDWA---DVTKLNVVTANGKVKQVEVNL---ND 221 ò

셤

977 YSSNLAVSRCFKSLSKLIEGLNEQTRNFNELLDELLIIIYEPVHRTEDDDSTNKIIGNEE 1036 222 LKAAFROSRPKRS-----DYRKGQGSKA 244 ઠે 셤

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January 13, 2006, 09:27:05; Search time 77 Seconds (without alignments) 5644.226 Million cell updates/sec
GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.
                                                                                          OM protein - protein search, using sw model
                                                                                                                                               Run on:
```

1 MADKGWIYSPDVRDNTLVVR......DMTPRIBPDRDDEEEEDIDI 616 US-10-734-782-4 3097 Title: Perfect score: Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

2166443 Total number of thits satisfying chosen parameters:

2166443 seqs, 705528306 residues

Searched:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

UniProt\_05.80:\*
1: uniprot\_sprot:\*
2: uniprot\_trembl:\* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	Q91br3 infectious	O8v3t7 infectious	O6yn41 infectious	٠.	_	Q87id8 vibrio para		-		Q91185 white spot		Q74805 yersinia pe	Q8czx7 yersinia pe	Q4hg87 campylobact	_	-			_	Q8wly3 arabidopsis	Q8rdq9 fusobacteri	Q6bzal debaryomyce	Q7q251 anopheles g		-	O51349 borrelia bu					
SUMMARIES	αı	Q91BR3 9ORTO	Q8V3T7_9ORTO	Q6YN41 9ORTO	Q98VU1 9ORTO	Q9JMS5_ECOLI	Q87ID8_VIBPA	Q92K98_RHIME	Q7YY86_CRYPV	Q93T53_STRPY	Q91L85_WSSV	Q06554_YEAST	Q74S05_YERPE	Q8CZX7_YERPE	Q4HG87_CAMCO	Q600SO MYCHY	Q8QTB7_WSSV	Q8VAP1_WSSV	Q47955_HARDU	Q7VLT6_HARDU	Q8W1Y3_ARATH	Q8RDQ9 FUSNN	Q6BZA1_DEBHA	Q7Q251_ANOGA	SMC2_XENLA	Q4PGW1_USTWA	RPOC BORBU	OSXWC6 BARVI	Q615W4 CAEBR	Q9AER7_STAEP	OSHKF4 STARO	Q8S950_TOBAC
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	Query Match Length DB	616	616	919	616	1758	6084	2089	794	1023	6077	1556	995	266	764	957	6077	6077	1175	1175	1087	3165	892	1314	1203	799	1377	3620	862	2402	2402	959
de	Query	100.0	99.5	99.0	97.8	4.9	4.6	4.2	4.2	4.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	9. 6.	9. 6.	3.9	3.9	3.9	3.9	3.9	3.9
	Score	3097	3083	3067	3029	152	143.5	131.5	130.5	129	128.5	128	127	127	126	126	126	126	125	125	124.5	124.5	123.5	123	122	121.5	121.5	121.5	121	121	121	120.5
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361 FORIMDTLCTSFLIDPPRITKCFIPPISSLAMYIORGNSVLAMDFMKNGEDACKICREAK 420

	Q4h812 deinococcus Q7pmf8 anopheles g Q64jus plasmodium		Q64jv7 plasmodium Q5acu0 candida alb Q419r7 gibberella Q91e95 human rotav	Q5xas7 streptococc
RPOC_BORGA Q46737_ECOLI	Q4HBL2 9DEIO Q7PMP8 ANGA Q64JU8 PLAVI	Q44Q48_ASPFU Q4WQ48_ASPFU Q6ZHT2_YERPE Q667E2_YERPS	Q64JV7_PLAVI Q5ACU0_CANAL Q419R7_G1BZB Q91E95_9REOV	Q5XAS7_STRP6
- 6	ดดด	1000	0 0 0 0	0
1377	703 1083 727	3187 547 547	727 872 1042 1090	1093
9.60			 	3.8
120.5	120	119.5	119 119 118.5 118.5	118.5
33	3 3 4 3 6 6 7	9 6 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 4 4 4 4 6 6 4	42

# ALIGNMENTS

																			0,	09	09	120	120	180	180	240	240	300	300
ORTO PRELIMINARY; PRT; 616 AA.	(TrEMBLrel.	(TrEMBLrel. 19, Last	:004 (TrEMBLrel. 26, Last annotation update)	Putative nucleoprotein.	is salmon anemia virus.	BBRNA negative-strand viruses; Orthomyxoviridae; Isavirus.	_TaxID=55987;	וווויון אוויון אוויין אווי	NOCLECTION SEQUENCE. MRDL:TNR=21342912: DibMed=11450947: DOT=10 1021/8:1011110105819:	R.J. Heppell J. Cook M.B.	ication and characterization of segments 3 and 4				Interpro; IPRU6089; ACYI-COA_CD.		: 616 AA; 68050 MW; 2436D70119524B74 CRC64;	Statismitte 100.0%; Score 3097; DB 2; Length 616;	vative 0; Mism	MADKGWIYSPDVRDNILVVRRSTATKSGIKISYRRDRGTSLLQKAFAGTEDEFWVELDQD	MADKGMIYSFDVRDNTLVVRRSTATKSGIKISYRBDRGTSLLQKAFAGTBDBFWVBLDQD	VYVDKKIRKFLEEEKMKDMSTRVSGAVAAAIERSVEFDNFSKEAAANIEMAGVDDEEAGG	VYVDKKIRKFLEBEKMKDMSTRVSGAVAAAIERSVEFDNFSKEAAANIEMAGVDDEERGG	SGLVDNRRKOKGVSNMAYNLSLFIGMVPPALTTFFSAILSEGEMSIWQNGQAIIRILALA	SGLVDNRRKNKGVSNWAYNLSLFIGMVPPALTTFFSAILSEGEWSIWQNGQAIRILALA	DEDGKRQTRTGGQRVDMADVIKLAVVITANGKVKQVBVNLNDLKAAFRQSRPKRSDYRKG	DEDGKRQTRIGGGRVDMADVTKLNVVTANGKVKQVEVNLNDLKAAFRQSRPKRSDYRKGQ	GSKATESSISNOCMALIMKSVLSADOLPAPGVKMMRTNGFNASYTTLAEGANIPSKYLRH	GSKATESSISNOCMALIMKSVLSADQLFAFGVKMMRTNGFNASYTTLAEGANIPSKYLRH
71 1 23 90RTO Q91BR3 9	01-DEC-2001	01-DEC-2001	01-MAR-2004	tative	fection	Viruses;	벞	7 2 2	DI.TNR	Ritchie	denti	genome.		EMBL; A	Cerrr	Viral m	SEQUENCE	Query Match	16	-	-	61	61	121	121	181	181	241	241
RESULT Q91BR3 ID Q9			_			•	OX		RX MR			-	•		אַנו אַנו אַנו אַנו אַנו אַנו אַנו אַנו	•		Query	Matches	Š	Db	à	QQ	ò	qq	ò	· <b>Q</b>	ò	e Q
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Sequence 7, Appli
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647.088 Million cell updates/sec
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1: /cgn2_6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*

2: /cgn2_6/ptodata/2/pubpaa/USO6 NEW PUB.pep:*

3: /cgn2_6/ptodata/2/pubpaa/USO7 NEW PUB.pep:*

4: /cgn2_6/ptodata/2/pubpaa/PCT NEW PUB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/USO3 NEW PUB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/USO3 NEW PUB.pep:*

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8: /cgn2_6/ptodata/2/pubpaa/USO3 NEW PUB.pep:*
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Copyright (c) 1993 - 2006 Compugen Ltd.
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US-11-013-759-4

US-11-013-759-4

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US-11-052-554A-125

US-11-052-554A-125

US-11-069-814-52

US-11-069-814-54

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US-11-069-814-54

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US-11-069-814-54

US-11-059-626-456

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Maximum Match 100%
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US-10-485-517-281 US-11-069-834-50 US-11-196-475-146 US-11-196-475-122 US-10-793-626-1050 US-10-793-626-1050 US-11-196-475-158 US-11-196-475-158 US-11-052-554A-13 US-11-052-554A-2 US-11-052-554A-2 US-11-196-475-148 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112 US-11-196-475-112	
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### ALIGNMENTS

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Sequence 4, Application US/11083800
; Sequence 4, Application NO US20050261227A1
GENERAL INFORMATION:
    APPLICANT: Riffiths, Steven
    TITLE OF INVENTION: Infectious Salmon Anaemia Virus And Their Uses As Vaccines
    TITLE OF INVENTION: Infectious Salmon Anaemia Virus And Their Uses As Vaccines
    TITLE OF INVENTION: UNDER: US/11/083,800
    CURRENT FILING DATE: 2005-03-18
    PRIOR APPLICATION NUMBER: US 10/049,086
    PRIOR PILING DATE: 2000-08-07
    PRIOR PILING DATE: 2000-03-21
    PRIOR PILING DATE: 2000-03-21
    PRIOR PILING DATE: 2000-03-21
    PRIOR PILING DATE: 2000-03-11
    PRIOR PILING DATE: 2000-03-11
    PRIOR PILING DATE: 1999-08-07
    PRIOR PILING DATE: 1999-08-07
    NUMBER OF SEQ ID NOS: 10
    NUMBER OF SEQ ID NOS: 10
    SOFTWARE: PaetsEQ for Windows Version 4.0
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100.0%; Score 3097; DB 7;
Best Local Similarity 100.0%; Pred. No. 3.8e-248;
Matches 616; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Infectious Salmon Anaemia Virus
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